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# Summer Shutdown at CDF

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for the CDF Operations Group

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## This past week

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- Ground fault in TeV limited beam availability.
  - None from Thursday-Sat night.
- Ground fault eventually removed on Sat afternoon
- Two smallish stores over the weekend
- Accelerator guys did shoot their second store with the B2 unwind algorithm.
  - Very successful - will be implemented after the shutdown!
- We used the first store to complete all of our various pre-shutdown tests (pulsar, XFT, CSL parallel logger etc.
- Last store the goal was to run smoothly. 94% efficient for entire store!
  - Good time to shut down ☹

## This Week at CDF

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- Collision hall is open
  - SE Central arch pulled part way to begin CPR installation
  - Work on the backside of the arch is going well.
    - Running into lots of problems but no show stoppers.
    - Back of the arch work will progress ahead of the schedule we have made.
    - We will have to redress CMU signal cables in the "windows" in order to make optical installation easier
    - Thanks to Mike Lindgren for spending a couple of days here this week!
  - Alignment team is here today and tomorrow doing as-founds of low beta quad magnets
  - Performed cryo maintenance
  - Installed new valves on solenoid watt can
  - Installing PS reset lines for remaining power supplies
  - Most gas systems are now on nitrogen. CMX/miniskirts are the only ones still taking Ar-Eth
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## Next Week at CDF

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### ➤ Monday

- Pull SE Central arch completely out
- Install scaffolding inside and begin to understand the issues with chamber removal and installation

### ➤ Tuesday

- Both plugs will be open - very limited access to collision hall for non plug pulling personnel
- All scaffolding will be erected as well

### ➤ Wednesday

- Bore access available

### ➤ Thursday

- Better insulate silicon cooling lines
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## Longer term

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- Plugs will remain open through early October.
- COT work is suppose to complete around Oct 1.
- Leaving 2 weeks of checkout time before we close plugs
- Once plugs closed, they are expected to stay closed
- Flammable gas to muon chambers will be handled on a case by case basis after mid October.